

INTERNATIONAL SEARCH REPORT

IB2004/004160

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G07F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 279 825 B1 (YOKOYAMA YASUHIRO) 28 August 2001 (2001-08-28) column 4, line 22 - column 7, line 7 figure 1 figure 2	1-7
X	EP 1 152 378 A (NCR INT INC) 7 November 2001 (2001-11-07) column 4, paragraph 29 - column 7, paragraph 61 figure 1 figure 5	1-7
X	DE 196 00 769 A (IBM) 17 July 1997 (1997-07-17) column 2, line 15 - column 5, line 57 figure 1 figure 2	1-7

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

17/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 034 885 A (OLIVETTI & CO SPA) 2 September 1981 (1981-09-02) page 2, line 2 - page 5, line 10 figure 2 -----	1-7
A	US 4 731 842 A (SMITH PETER R) 15 March 1988 (1988-03-15) column 1, line 36 - column 5, line 24 figure 2 -----	1-7

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EP 1152378	A	07-11-2001	EP 1152378 A2	07-11-2001
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